IENT BOOK

Dimensions			Contents	Reference to last Measurement
gth 4	Breadth 5	Depth 6	7	8
			Total Rs. 98,175-00	
			ST 9862-00	
			VAT-39447-00	
			Cess-9862-00	
			CSS-986-00	
			Penalty-3200-00	
			LR-15779-00	
			79136	

First and Final Bill

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. Improvement and Asphalting to Veeranna layout Gautham Book More Road and Thindlu surrounding in ward no. 09 vidyaranyapura Sub Division.

Name of Work ..... From ..... To 249257

Name of Contractor of nature of Agency Executive Engineer KRIDL

Date of commencement of work BR-678/14-2-16

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Job code: 009-16-000031						
	Work order No: BBMP/EE/BTP/WO/67/2016-17 Date: 11.07.2016.						
	Est cost: 10.00 lakhs						
	Date of Recording: 26/10/2016						
1)	Earth work excavation by manual means in ordinary soil involving an average horizontal lead upto 2 m and an average lift upto 0.50 m excavated surface leveled and sides neatly dressed the disposal earth to be level. neatly after breaking of clods as complete as per specification						
	Desilting of drain BK layout 3rd cross	2	30.00	0.45	0.45	12.15	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		2	30.00	0.45	0.45	12.15	
		2	30.00	0.45	0.45	12.15	
		2	14.10	0.45	0.45	6.93	
	Cross Road	2	30.00	0.45	0.40	10.80	
		2	24.00	0.45	0.35	7.56	
		2	30.00	0.45	0.45	12.15	
	Veeranna Layout	2	30.00	0.45	0.45	12.15	
		2	35.50	0.45	0.45	14.38	
	Berm cutting	2	30.00	1.00	0.20	12.00	
	3rd cross BK Layout	2	30.00	1.00	0.20	12.00	
		2	30.00	1.20	0.20	14.40	
		2	17.10	1.20	0.20	8.21	

MENT BOOK

Dimensions			Contents	Reference to last Measurement
Length 4	Breadth 5	Depth 6	7	8
30.00	0.45	0.45	12.15	
30.00	0.45	0.45	12.15	
14.10	0.45	0.45	6.93	
30.00	0.45	0.40	10.80	
24.00	0.45	0.35	7.56	
30.00	0.45	0.45	12.15	
30.00	0.45	0.45	12.15	
35.50	0.45	0.45	14.38	
30.00	1.00	0.20	12.00	
30.00	1.00	0.20	12.00	
30.00	1.20	0.20	14.40	
17.10	1.20	0.20	8.21	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

249258

Serial No. ..... To.....

Name of Work ..... From.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Cross Road	2	30.00	1.00	0.25	15.00	
		2	30.00	1.25	0.25	15.00	
	Veerannna Layout	2	24.00	1.25	0.25	18.75	
		2	30.00	1.30	0.35	27.30	
		2	30.00	1.25	0.25	22.19	
		2	35.50			244.21 m³	
				@ Rs. 83.16/ m³			20309=00
	2) Removing BS slab of drain and stacking at complete as per specification						Zoolha AE 26/10/16

AEE (VRP) SD 26/10/16

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		2	30·00	-	1·35	81·00	
		2	30·00	-	1·35	81·00	
		2	30·00	-	1·35	81·00	
		2	25·00	-	1·35	67·50	
		2	28·00	-	1·35	75·60	
		2	25-00	-	1·35	67·50	
		2	25-00	-	1·35	67·50	
		2	30·00	-	1·35	81·00	
		2	25-00	-	1·35	67·50	
						663·00 m2	
				RBA.	63·72/m2		42246=00
							Badhao AE 26/10/16

3) Refixing of stone slab and drain and pointing in CM (1:3) etc. complete as per specification

Serial No. ....
Name of Work ....
Name of Contractor
Date of commence

Date	Full de
1	

4) Scari
axes
all lo
Bulle

MENT BOOK

Dimensions			Contents	Reference to last Measurement
Length 4	Breadth 5	Depth 6	7	8
30.00	-	1.35	81.00	
30.00	-	1.35	81.00	
30.00	-	1.35	81.00	
25.00	-	1.35	67.50	
28.00	-	1.35	75.60	
25.00	-	1.35	67.50	
25.00	-	1.35	67.50	
30.00	-	1.35	81.00	
25.00	-	1.35	67.50	
			663.00 m2	
	Rate	63.72/m2		42246=00
ed pointing in CM(1:3) etc.				Jadhao AE 26/10/16

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....
Name of Work ..... From..... To..... 249259
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		Adj wide Item No: (2)				663=00 m2	
				Rate	78.84/m2		52271=00
4)	Scarifying Kankar / gravel / metal crush upto 150mm thick with pick axes and disposal of stuff with in a lead of 100m including cost of all labours charges etc complete as per specification.						Jadhao AE 26/10/16
	Bullet Krishnappa 40 3rd cross	1	30.00	(5.3+5.2)	-	157.50	
		1	30.00	(5.2+5.1)	-	153.00	
		1	30.00	(5.1+5.7)	-	162.00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	14.00	(5.7+7.2)	-	72.68	
	~~From Road~~	1	24.00	(5.0+4.9)	-	118.80	
	Veeranna Layout	1	30.00	(5.7+4.4)	-	151.50	
		1	30.00	(4.4+4.5)	-	133.50	
		1	35.50	(4.5+4.6)	-	161.53	
						1105.00 cu.m	
						CM. 25.92/42	28642 = 00

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

Bodha
AE 26/10/16

Serial No. .....
Name of Work .....
Name of Contracto
Date of commence

Date	Full de
1	
	5) provid wet mix water tipper on wet the dec BK L

NT BOOK

ensions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
(5.7+7.2) / 2	-	72.68	
(5.0+4.9) / 2	-	118.80	
(5.7+4.4) / 2	-	151.50	
(4.4+4.5) / 2	-	133.50	
(4.5+4.6) / 2	-	161.53	
		1105.00 Rt	

e M. 25.92/42

28642 = 00

Radha
AE 26/10/16

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

249260

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Measurement continued on: 07-11-2016						
5)	providing laying spreading and compacting crushed stones aggregates to wet mix macadam specifications including premixing the material with water at one in mechanical mix plant carriage & mixed method & tipper to site laying in uniform layers with paver in sub base course on well prepared surface and compacting with vibratory roller to achieve the desired density etc complete as per specification						
	BK Layout 3rd cross	1	30.00	(5.3+5.2) / 2	0.20	31.50	
		1	30.00	(5.2+5.1) / 2	0.20	30.60	
		1	30.00	(5.1+5.7) / 2	0.20	32.40	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	14.10	(5.7+7.2)	0.20	14.54	
	~~From Road~~	1	24.00	(5.0+4.9)	0.20	23.76	
	veeranna Layout	1	30.00	(5.7+4.4)	0.20	30.30	
		1	30.00	(4.4+4.9)	0.20	26.20	
		1	35.50	(4.5+4.6)	0.20	32.31	
						221.00 m²	
				@ Rs	1713.96/m²		378785=00

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97

Measurement continued on: 21-11-2016

Jadha
AE 7/11/16

6) Providing and applying primer coat with S.S bitumen emulsion on prepared surface of granular base such as WBM, WMM including

Serial No. .....
Name of Work .....
Name of Contract
Date of commenc

Date	Full d
1	
	cleani... mechani...
	7) Provi... plan... bitu... with ... sur... coa... mee... sp...

Dimensions			Contents	Reference to last Measurement
th	Breadth 5	Depth 6	7	8
0	(5.7+7.2)	0.20	14.54	
00	(5.0+4.8)	0.20	23.76	
00	(5.7+4.4)	0.20	30.30	
00	(4.4+4.5)	0.20	26.20	
50	(4.5+4.6)	0.20	32.31	
			221.00 m²	
		@Rs	1713.96/m²	378785=00

ontinued on: 21-11-2016 Jadhav AE 7/11/16

ith S.S bitumen emulsion on as W.B.M. WMM including

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....
Name of Work ..... From..... To..... 249261
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	cleaning of road surface and spraying primer coat at 0.60 kg/sq.m using mechanical means etc complete as per specification. Qty vide Item No. (4)					1105.00 m²	
					@Rs	28.08/m²	31028=00
	providing and laying bituminous concrete wearing course with hot mix plant using crushed aggregates of specified graded premixed with bituminous binder and filler transporting the hot mix to work site laying with paver finisher to the required grade level and alignment rolling with smooth wheeled vibratory and tandem roller to achieve the desired compaction as per MORTH specification using 0.160 TPH capacity HMP with mechanical paver gr-II (30 to 45 mm) with 6% VG-30 etc complete as per specification.						

Jadhav AE 27/11/16

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	BK layout 3rd cross	1	30.00	(5.3+5.2)	0.04	6.30	
		1	30.00	(5.2+5.1)	0.04	6.12	
		1	30.00	(5.1+5.7)	0.04	6.48	
		1	17.40	(5.7+7.2)	0.04	2.91	
		1	24.00	(5.0+4.5)	0.04	4.75	
	~~Cross Road~~	1	30.00	(5.7+4.4)	0.04	6.04	
	Veeranna Layout	1	30.00	(4.4+4.5)	0.04	5.34	
		1	35.50	(4.5+4.6)	0.04	6.46	
						44.20 m³	
					CM	7699.32/m³	340310.00

'e' & F.C. Qr. 14/12

CFT Mohammed Ali

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

Zadha 14/11/16

Serial No. .....
Name of Work .....
Name of Contractor of n
Date of commencement

Date	Full descript
1	2
8)	Lead for cl mechanical Peripheral

ENT BOOK

Dimensions			Contents	Reference to last Measurement
h	Breadth 5	Depth 6	7	8
o	(5·3+5·2)	0·04	6·30	
o	(5·2+5·1)	0·04	6·12	
	(5·1+5·2)	0·04	6·48	
	(5·2+2·2)	0·04	2·88	
	(5·0+4·8)	0·04	4·75	
	(5·2+4·4)	0·04	6·08	
	(4·4+4·5)	0·04	5·34	
	(4·5+4·6)	0·04	6·46	
			44.20 m³	
@ Rs	7699.32/m³			340310=00

Jadhav
AE 21/11/16

M. A. R. 57 (Rule 116)
Measurement Book
No. B

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

249262

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
8)	Lead for disposal of debris shall be payable at carriage rates by mechanical means including loading and unloading etc complete as per specification						
						219.78 m³	
					@ Rs 106.34/m³		23371=00
					Sub Total		916962=00
					Add - PAFIOL @ 8% + 1 = 9%		73357=00
							990319=00
					Grand Total	9,99,489	

AEE (VRP) SD 11/16

Jadhav
AE 21/11/16

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Certificate: Certified that the above work done is satisfactorily. Jadhav AE 21/11/16 Assistant Executive Engineer Vidyaranyapura Sub Division BBMP, Bangalore - 97						

Serial No. .....
Name of Work
Name of Cont
Date of comm

Date	F
1	

ENT BOOK

Dimensions			Contents	Reference to last Measurement
th	Breadth 5	Depth 6	7	8
			above work done is satisfactorily.	

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

249263

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Towards Eleve Road 3rd cross BK layout 131.10m Thindlu Sketch showing the work done location: THINDLU MAIN Road Veerenna Layout 95.50m INDEX: Asphalt Road 10.00m BC						

Zodha
AE 21/11/16

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Total Rs:					9.99.489-00	
	JT-					19990-00	
	VAT-					39980-00	
	Cess-					9995-00	
	CBF-					999-00	
	FSD-					49974-00	
	LR-					22489-00	
	Add:					143427-00	
	Chq Rs:					856062-00	

Any Balance Rs 999489-00

Any Excess Paid Rs 143427-

Amount Received vide Voucher

Rs 856062-00

Rupees Eight Lakhs Fifty Six Thousand Sixty Two only

Received Rs.

14/12

Signature of Contractor

Signature of Officer

Signature of Witness

Serial No. .....

Name of Work ....

Name of Contract

Date of commenc

Date	Full d
1	
	Work
	EN
9)	Earth an a excav to be peri